

IAP10 Rec'd PCT/PTO 07 DEC 2005

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CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, or being facsimile transmitted to the USPTO on the date indicated below.

Date: December 7, 2005

Melissa Wingo
Melissa Wingo

Re: Patent Application for:
"INTERLEAVING FOR MOBILE COMMUNICATIONS"
Serial No. 10/528,604
Attorney Docket No. P16666-US1

Dear Sir or Madam:

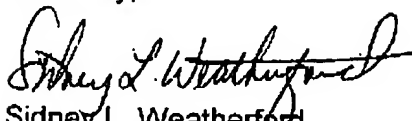
Enclosed for filing please find the following items relating to the above-identified application:

- (1) Copy of Notification of Missing Requirements (2 pages);
- (2) Response to Notification of Missing Requirements (1 page);
- (3) Executed Combined Declaration and Power of Attorney (7 pages);
- (4) Statement of No Additional Fees Due (2 pages);
- (5) Courtesy Copy of Preliminary Amendment filed on March 21, 2005 (10 pages); and
- (6) Courtesy copy of stamped Post Card (1 pages).

The commissioner is hereby authorized to charge payment of the \$130.00 late declaration surcharge and any additional fees required under 37 C.F.R. 1.16 associated with this communication or credit any overpayment to Deposit Account No. 50-1379.

If you have any questions or comments concerning this matter, please feel free to contact the undersigned at 972-583-8656.

Sincerely,



Sidney L. Weatherford
Intellectual Property Counsel

12/09/2005 LLANDGRA 00000082 501379 10528604

01 FC:1617 130.00 DA

Ericsson Inc.
6300 Legacy Drive
Plano, Texas 75024

Telephone: 972.583.0000



SLW



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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Alexandria, Virginia 22313-1450
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| | | |
|---|-------------------------------------|--------------------------------|
| U.S. APPLICATION NUMBER NO. 10/528,604 | FIRST NAMED APPLICANT Ralf Kukla | ATTY. DOCKET NO. P16666-US1 |
|---|-------------------------------------|--------------------------------|

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|---|
| INTERNATIONAL APPLICATION NO. PCT/EP02/10670 |
|---|

| | |
|--------------------------------|---------------|
| I.A. FILING DATE 09/24/2002 | PRIORITY DATE |
|--------------------------------|---------------|

27045
ERICSSON INC.
8300 LEGACY DRIVE
M/S EVR C11
PLANO, TX 75024

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SEP 13 2005
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CONFIRMATION NO. 4155
371 FORMALITIES LETTER
OC000000016957411
OC000000016957411

Date Mailed: 09/09/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 03/21/2005
- Copy of the International Search Report filed on 03/21/2005
- Copy of IPE Report filed on 03/21/2005
- Information Disclosure Statements filed on 03/21/2005
- Oath or Declaration filed on 03/21/2005
- Request for Immediate Examination filed on 03/21/2005
- U.S. Basic National Fees filed on 03/21/2005
- Specification filed on 03/21/2005
- Claims filed on 03/21/2005
- Drawings filed on 03/21/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of \$360 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - is not executed in accordance with either 37 CFR 1.68 or 37 CFR 1.68.

- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$490 for a Large Entity:

- \$130 Surcharge.
- Total additional claim fee(s) for this application is \$ 360
 - \$360 for multiple dependent claim surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

KAYA L LEWIS BALTIMORE

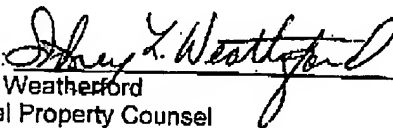
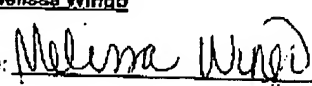
Telephone: (703) 308-9140 EXT 202

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/528,604 | PCT/EP02/10670 | P16666-US1 |

FORM PCT/DO/EO/805 (371 Formalities Notice)

EUS/JP/05-3320

| | | | | |
|---|--------------------------------|--|------------------------------------|---|
| Response To Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) | | | Docket No. P16686-US1 | RECEIVED CENTRAL FAX CENTER DEC 07 2005 |
| In Re Application Of: Ralf Kukla, et al. | | | | |
| US Application No. 10/528,604 | I.A. Filing Date 09/24/2002 | Examiner Not Yet Assigned | Group Art Unit Not Yet Assigned | |
| Invention: INTERLEAVING FOR MOBILE COMMUNICATIONS | | | | |
| <p align="center">Mail Stop PCT Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 Facsimile No. 571-273-8300</p> <p>This is a response to the Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) mailed on <u>September 9, 2005</u>.</p> <p>Enclosed herewith for filing are the following:</p> <p><input checked="" type="checkbox"/> A copy of the Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US). (2 page(s))</p> <p><input checked="" type="checkbox"/> A properly signed oath or declaration in compliance with 37 CFR 1.497(a) and (b), identifying the application by the international application number and international filing date. (7 page(s))</p> <p><input type="checkbox"/> A verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the United States Patent and Trademark Office.</p> <p><input type="checkbox"/> Other: _____</p> | | | | |
| <p><input checked="" type="checkbox"/> This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the above-identified Notice to File Missing Parts of Application. The requested extension is as follows (check time period desired). If an additional time extension is required, please consider this a petition therefor.</p> <p><input checked="" type="checkbox"/> One month (\$120) <input type="checkbox"/> Two months (\$450) <input type="checkbox"/> Three months (\$1020) <input type="checkbox"/> Four months (\$1590) <input type="checkbox"/> Five months (\$2160)</p> <p>from: <u>11-9-2005</u> until: <u>12-09-2005</u></p> | | | | |
| <p><input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge <u>\$250.00</u>, the surcharge for late payment of filing fee and/or late filing of original declaration or oath or any other fees which may be required, or credit any overpayment, to <u>Deposit Account No. 50-1379</u>. If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required</p> | | | | |
| <p>Signature:  Sidney L. Weatherford Intellectual Property Counsel Ericsson Inc. 6300 Legacy Drive, MS/EVR1C11 Plano, Texas 75024</p> <p>Date: <u>December 7, 2005</u></p> | | <p align="center">CERTIFICATE OF MAILING OR TRANSMISSION</p> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage for First class or Express mail in an envelope addressed to Commissioner for Patents, or being facsimile transmitted to the USPTO on the date indicated below.</p> <p>Date: <u>December 7, 2005</u> Name: <u>Melissa Wingo</u></p> <p>Signature: </p> | | |

12/09/2005 LLANDGRA 00000082 501379 10528604

02 FC:1251

120.00 DA

Attorney Docket No. P16666-US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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DEC 07 2005

Applicant: Ralf Kukla, et al.

Serial No: 10/528,604

Filed: March 18, 2005

§ Group Art Unit: Unknown
§
§ Examiner: Unknown
§
§
§

For: INTERLEAVING FOR MOBILE COMMUNICATIONS

Mail Stop PCT
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313.1450

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|---|-------------------------|
| CERTIFICATE OF MAILING OR TRANSMISSION | |
| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage for First class or Express mail in an envelope addressed to Commissioner for Patents, or being facsimile transmitted to the USPTO on the date indicated below. | |
| Date: | <u>December 7, 2005</u> |
| Name: | <u>Melissa Wingo</u> |
| Signature: | <u>Melissa Wingo</u> |

STATEMENT OF NO ADDITIONAL FEES DUE

In response to the Notification of Missing Requirements dated September 9, 2005, which states that the Applicants must submit supplemental fees totaling \$360 for multiple dependent claims the Applicants submit the following remarks:

On September 24, 2002 International Application PCT/EP2002/10670 was filed with a total of 15 claims, of which 10 were multiple dependent claims.

On March 21, 2005, U.S. Application 10/528,604 was filed with a Preliminary Amendment. The Preliminary Amendment amended the multiple dependent claims to be dependent claims. A copy of the Preliminary Amendment and the stamped Post Card are attached for your reference.

Based on the Preliminary Amendment filed with the application, the application contains twenty-four (24) claims, including four (4) independent claims. The Applicant respectfully submits that the correct fee amount was paid at the time of the U.S. National filing and, therefore, no supplemental fees are due.


Preliminary Amendment – Page 1 of 2
EUS/J/P:05-3320

Attorney Docket No. P16666-US1

CONCLUSION

The Applicants request a telephonic interview if there are any questions or any additional information is required that would further or expedite the prosecution of the Application.

Respectfully submitted,


Sidney Weatherford
Reg. No. 45,602

Ericsson Inc.
6300 Legacy Drive
M/S EVW 2-C-2
Plano, TX 75024
972-583-8656
sidney.weatherford@ericsson.com

Preliminary Amendment – Page 2 of 2
EUS/J/P:05-3320

In re of Application:
INTERLEAVING FOR MOBILE COMMUNICATIONS

For: Ralf Kukla, et al

- (1) Transmittal Letter to OO/EO/US Concerning a Filing Under 35 U.S.C. 371 (2 pages)
- (2) Courtesy Copy of PCT/IB/308 (1 page(s))
- (3) Courtesy Copy of the International Application as Filed (42 pages)
- (4) DECI/POA (unexecuted) (3 pages)
- (5) Information Disclosure Statement and PTO-1449 Form (2 pages)
- (6) Preliminary Amendment (10 pages)

PAPERS SENT VIA EXPRESS MAIL EV539111984US
Date: March 18, 2004
Docket No.: P 16666US1

10/528604

JC03 Rec'd PCT/PTO 21 MAR 2005